FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NO. NL 020001				
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application Nor-(if known, see, 37 GFR 1.5)				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/IB02/05295	December 9, 2002	January 9, 2002				
TITLE OF INVENTION AUDIO ENHANCEMENT SYSTEM HAVING A SPECTRAL POWER RATIO DEPENDENT PROCESSOR						
APPLICANT(S) FOR DO/EO/US Reinhold HAEB-UMBACH; Cornelis Pieter JANSE; David Antoine Christian Marie ROOVERS						
Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. [X] This is a FIRST submission of Items concerning a filing under 35 U.S.C. 371.						
2. [ ] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.						
3. [ ] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).						
4. [ ] A proper Demand for internationa	[ ] A proper Demand for international Preliminary Examination was made by the 19th month from the earliest claimed priority date.					
5. [X] copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. [] is transmitted herewith (required only if not transmitted by the International Bureau). b. [X] has been transmitted by the International Bureau. c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. [ ] A translation of the International A	A translation of the International Application into English (35 U.S.C. 371(c)(2))					
7. [X] Amendments to the claims of the international Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. [ ] are transmitted herewith (required only if not transmitted by the international Bureau). b. [ ] have been transmitted by the International Bureau. c. [ ] have not been made; however, the time limit for making such amendments has NOT expired. d. [X] have not been made and will not be made.						
8. [ ] A translation of the amendment to	A translation of the amendment to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).					
9. [X] An oath or declaration of the inver	[X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. [ ] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
items 11. to 16. below concern document(s) or information included:						
11. [ ] An information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.						
12. [X ] An assignment document for recording. A separate cover sheet is compliance with 37 C.F.R. 3.28 and 3.31 is included.						
13. [X] A FIRST preliminary amendment.  [ ] A SECOND OR SUBSEQUENT preliminary amendment.						
14. [ ] A substitute specification.						
15. [ ] A change of power of attorney and/or address letter.						
16. [X] Other items or information:						
X Statement under 37 CFR 3.7	X Statement under 37 CFR 3.73(b) [PTO/SB/96]					

CERTIFICATE OF MAILING

[X] Express Mail Mailing Label No. EV312015646-US

Date of Deposit 7-6-04

I hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

> Jeanne Rusciano Typed Name

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6.5 <sub>6</sub> 66756	4 S\		ATTORNEY'S DOCKET NUMBER NL 020001	
17 [X] The following fees are submitted:			CALCULATIONS (PTO USE ONLY)	
E (37 C.F.R. 1.492(A)(1)-(5	)):			
Search Report has been prepared by the EPO or JPO \$860.00				
International preliminary-examination fee paid to USPTO (37 C.F.R. 1.482) \$690.00				
No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2) \$750.00				
Neither International preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$970.00				
International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT				
			\$ 860.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).			\$	
NUMBER FILED	NUMBER EXTRA	RATE		<u> </u>
10 - 20 =	0	X \$ 18.00	\$ 0.00	
<u> </u>				
NT CLAIMS (If		+ \$280.00	\$ 0.00	
applicable)  TOTAL OF ABOVE CALCULATIONS =			\$ 0.00	
Reductions by 1/2 for filing by small entity, If applicable. Verified Small Entity Statement must also be filed (Note 37 C.F.R. 1.9, 1.27, 1.28)			\$	
	•	STOTAL =	\$ 860.00	
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).			\$	
TOTAL NATIONAL FEE			\$ 860.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28,3.31). \$40,00 per property +			\$ 40.00	
TOTAL FEES ENCLOSED =			\$ 900,00	
			Amount to be Refunded	\$
			Charged	\$
the amount \$	to cover the above	ve fees is enclosed.	L	<u></u>
rge my Deposit Account I	No. <u>14-1270</u> In the am losed.	ount of <u>\$900.00</u> to cover t	he above fees.	
Issioner is hereby author r credit any overpayment	lzed to charge any addi to Deposit Account No	itional fee, with the except	tion of the Base Issue Fe opy of this sheet is enclo	e, which may be sed.
ropriate time limit under 3 estore the application to p	37 C.F.R. 1.494 or 1.495 ending status.	has not been met, a petiti	ion to revive (37 C.F.R. 1.	.137(a) or (b)) must be
ONDENCE TO:		( delant	1/Stant	
ONDENCE TO:		THE PARTY OF THE P		
insel orth America Corporation		(SIGNATURE)  Edward W. Good (NAME)	dman	
	fees are submitted:  E (37 C.F.R. 1.492(A)(1)-(5 port has been prepared by the international preliminary examination of the international preliminary examination of the international search fee (5 port has been prepared by the international preliminary examination of the international search fee (5 port of the international	fees are submitted:  E (37 C.F.R. 1.492(A)(1)-(5)):  port has been prepared by the EPO or JPO  all preliminary-examination fee paid to USPTO 1.482)  tional preliminary examination fee paid to USPTO 1.482) but international search fee paid to USPTO 1.482) and all cialms satisfied provisions of PCT 2)-(4)  ENTER APPROPRIATE BASIC FEE AMOUNT =  for furnishing the oath or declaration later than need priority date (37 C.F.R. 1.492(e)).  NUMBER FILED NUMBER EXTRA  10 - 20 = 0  3 - 3 = 0  NT CLAIMS (If  TOTAL OF ABOVE CALCULATIONS  filing by small entity, if applicable. Verified Smalte 37 C.F.R. 1.9, 1.27, 1.28)  SUE 0.00 for furnishing the English translation later the est claimed priority date (37 C.F.R. 1.492(f)).  TOTAL NATION  enclosed assignment (37 C.F.R. 1.21(h)). The aspropriate cover sheet (37 C.F.R. 3.28,3.31). \$40.  TOTAL FEES E	fees are submitted:   E(37 C.F.R. 1.492(A)(1)-{5}):   port has been prepared by the EPO or JPO	See are submitted:   CALCULATIONS (PTO